

Rose-Hulman Institute of Technology

## Rose-Hulman Scholar

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The Rose Thorn Archive

Student Newspaper

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Fall 10-8-1982

### Volume 18 - Issue 5 - Friday, October 8, 1982

Rose Thorn Staff

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# Merchants donates fund

Merchants National Bank of Terre Haute has made a \$50,000 pledge to Rose-Hulman Institute of Technology for remodeling of Moench Hall, the school's main classroom building since it moved to its present location east of the city 60 years ago.

John N. Royse, president and trust officer of Merchants National Bank, announced the commitment to Rose-Hulman's "Blueprint for Excellence" program.

"The Merchants gift comes at an exceptionally good time," commented Dr. Samuel F. Hulbert, president of Rose-Hulman. "With Merchants National Bank's commitment, we now have \$1.365 million in pledges towards our \$2 million goal for the renovation of Moench Hall. This gift will be useful in obtaining the maximum matching gift from Lilly Endowment and the challenge grant from the Kresge Foundation to complete the funding of this important project before the end of the year."

Last February the board of directors of Lilly Endowment, Inc., of Indianapolis authorized a grant of \$500,000 to Rose-Hulman for the renovation of Moench

Hall with a stipulation that the foundation would donate one dollar for each three the college raised for this important renovation. Then, in August the Kresge Foundation of Michigan announced that it would provide a challenge grant of \$200,000 if Rose-Hulman reached \$1.8 million of its stated goal of \$2 million by Dec. 15, 1982.

"I am confident that Merchants National Bank's leadership will serve as a real catalyst in getting others in the Terre Haute community to make a commitment before our deadline of December 15," Hulbert commented.

Officials of the bank have had a long association of leadership in the governance of Rose-Hulman. James S. Royse, who was elected to the board in 1908, was serving as board president at the time of his death in 1929. The late Paul N. Bogart, who was named to the board in 1914, succeeded Royse as president and served in that capacity until his retirement in 1960. The Bogart Prize, an award given to the student who completes the sophomore year with the highest grade point average, honors

Bogart, who died in 1961.

John T. Royse, who succeeded Bogart as president of the bank, was a member of the Rose-Hulman board from 1937 until his death in 1970, serving for many years as treasurer. The John Tuller Royse Award, given annually to the graduating senior deemed to be the most outstanding on the basis of scholarship and campus leadership, honors the late Mr. Royse.

The bank's current president has been a member of the Rose-Hulman board since 1975. He is a member of the executive, academic affairs, business and administration, and investment management committees of the board.

The Moench Hall renovation will complete the capital improvements portion of Rose-Hulman's \$19 million "Blueprint for Excellence" campaign initiated in 1979. To date more than \$14 million of this goal has been pledged, including funding of a new classroom/laboratory building by the Olin Foundation of New York and major grants or challenges from Krannert, Lilly and Kresge foundations.



Olin Hall under construction. Bob Mattingly photo.

## Olin progresses

by Al Hippleheuser

Lost may be trees, lights and clean shoes, temporarily, but Olin Hall promises easier and safer access and quieter classrooms, permanently.

The work schedule is now 21 days behind, says William E. Mullin, Director of Facilities Planning and Construction, mostly because of poor weather. But Mullins says that Olin Hall will still open on time, on August 15, 1983.

Presently, the brickwork is "one-third to two-fifths complete," according to Mullin. Glenroy Construction Company, the Olin project contractors, also have been connecting the new facility to Moench this week.

This past summer, the Olin project really got off the ground. Early in June, Glenroy poured the Olin foundation. Soon, concrete slabs found their place in the Olin structure as floors and ceilings. New main roads paved the way around the academic center of campus, providing quieter classrooms and safer traffic.

This year, Mullin plans to have the whole Olin-Moench connection sealed against the winter. After the brickwork is completed in November, the window-walls should arrive. Window-walls are rectangular sections of thermopane glass. You can see them in the Hulman Union cafeteria. These "walls" will serve as the eye-appealing connection between the new Olin building and Moench Hall.

This winter, Glenroy will be adding plumbing, electrical and mechanical additions to the

inside of Olin Hall. This equipment and furnishings for Olin Hall will cost over \$250,000.

Final clean-up, landscaping, and sightwork will welcome the spring and summer months. The following is a tentative schedule of the Olin project:

OCTOBER 1982: brickwork, masonry, connection of Moench completed, roofing, seeding, lighting repaired, partial cleanup work.

NOVEMBER 1982: window walls arrive, structure readied for winter.

DECEMBER 1982: Building enclosed for winter.

DECEMBER - FEBRUARY: Electrical, mechanical, plumbing equipment installation.

MARCH 1983: tree planting, interior walls.

MAY-JUNE 1983: Possible Moench renovation (part I).

AUGUST 3, 1983: building detail repair.

AUGUST 15, 1983: OLIN BUILDING COMPLETED. Departments start moving in.

SEPTEMBER 15, 1983: School starts.

Olin Hall will house the Chemical Engineering, the Civil Engineering and Life Science departments. These departments will move completely out of Moench Hall next August. Already, some Chemical engineering seniors are planning to design some of the equipment for the new lab

Temporary discomfort is often the price for permanent improvements and Olin Hall promises to be an excellent addition to the Rose community — and even on schedule.

## Rangers start activities

by John Weis  
Columnist

For those students of the Institute who have seen soldiers going through the halls of Moench, don't worry, we are not

under martial law. The soldiers that have been seen Wednesday nights were probably the Rose-Hulman Ranger Company.

The Rangers are a ROTC-sponsored group formed to train cadets to be officers by in-the-field experience. Throughout the year, the company plans many weekend excursions and several classes. Although created for cadets, non-ROTC students can join and gain a glimpse of the U.S. Army.

Already this year, the Rangers have successfully completed two activities. Last month the organization ran a rappelling clinic for Rose and ISU students. During the weekend of Sept. 24-26, the Rangers went down to Fort Knox, Kentucky, for a few days of training. With the help of the group's advisor, Capt. Patrick, Sgt. Wyatt, and Sgt. Gorham, the company gained experience in different types of patrol movement, night patrolling, and the setting up and execution of a combat raid. Weapons with blank ammunition were issued to provide a realistic touch to the exercise.

This weekend the Rangers will participate in the annual Fall FTX (field training exercise). Saturday will be spent attending outdoor classes.

## the Rose Thorn

Vol. 18, No. 5

Rose-Hulman Institute of Technology

OCTOBER 8, 1982

## S.A.B. gains "new look"

by Brian Myers

The Student Activities Board is taking on a "new look" this year. In fact, the end of last week's homecoming concert was only the beginning of this year for SAB. SAB will again be presenting coffeehouses and the convocation series, but the "new look" SAB wants to accept even greater challenges this year, among them a ski trip, a springfest, various weekly events, and perhaps a winter

concert.

The SAB weekly event series began with a "Spooky" night presented in the main dining room which featured clips from various old horror movies. Best actor had to go to the "Creature from the Black Lagoon" — a real man who took what he wanted (and jumped overboard). The second weekly event was the performance of the Don Morris Band this past Wednesday night in the main dining room. SAB is

planning to bring several local bands, such as Don Morris, to Rose to perform as the weekly event with the possibility of the top bands competing in a battle of the bands at the SAB springfest later this year. Other plans for the weekly event series include big screen television productions of live concert videotapes featuring bands including the Rolling Stones and the Who.

At the moment, SAB's weekly events committee has manpower and finances, but it needs ideas, ideas of what you, the student, would like to see as some type of monotony breaker each week. If you have a suggestion or know of a good local band and how to contact them drop a note to Brian Myers via Box 764. Atlanta Rhythm Section got the year started right, and SAB is determined to keep the enthusiasm while brought ARS to Rose going strong throughout the year by keeping you, the student satisfied (unless "you can't get no satisfaction" ... watch out, it's coming soon).

## Financing supports Rose

by Mike Sullivan

Olin Hall is looking more like a building every day. But in today's tough economic times where colleges are struggling to keep down the cost of education, where is all the money coming from?

Large donations from foundations, national businesses, the Terre Haute community, and loyal alumni account for most of the cost. These are secured by the development department, headed by Vice President for Development Ron Reeves, and are used for buying equipment, financial aid and scholarships, and for general use in various projects. Last year foundations and national business contributed over \$1.2 million.

This year the school has undertaken two major projects that require additional support. These are the construction of the Olin building and the remodeling of Moench Hall. The



Homecoming Queen Sally French with President Hulbert. Steve Shuman photo.

## French crowned queen

Crowned Homecoming Queen at Rose-Hulman last weekend, Miss Sally French was all smiles as her homecoming reign began among the cheers and banner waving in Rose-Hulman's Shook Fieldhouse.

Miss French, the 19th queen to reign over the annual homecoming, was crowned by

President Samuel F. Hulbert. Immediately following the crowning ceremony Miss French saw what Rose-Hulman deems "the world's largest bonfire" ignited. First runner-up in the annual contest was Maryanne Bindley, while Miss Charla Willison was the second runner-up.



# The THORN

Published weekly at Rose-Hulman Institute of Technology  
5500 Wabash Ave., Terre Haute, Ind. 47803

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PAGE 5:

## Rotten Rose reunion redone

by Anita Tyleneol

Dr. Same Oltwerp declared an Institute emergency earlier this week as the biggest fundraising event of the season, Homecoming, went awry. Concerned over the potential loss of alumni contributions because of a dismal Homecoming, Oltwerp has scheduled another Homecoming for early November.

"Traditionally, alumni contributions run into tens of dollars," claimed Ron Peeves, Coordinator of Development. "Most graduates, being so far in debt after they graduate, are very parsimonious. It takes quite a snow job — er — show to pry money out of them."

Everything but everything seemed to go wrong last weekend, but it started with the freshman pranks. Several freshmen, upon seeing sophomores throwing ties into the creek, thought they were building a bridge to the upperclass dorms and went over to lend a hand.

If that weren't enough, the freshmen's plan to steal the Sophomore Class President's (Dana Simonsays) pants turned out to be a bigger fiasco. Starting from Speed, the freshmen tunneled under the lake to the storeroom in Schrapelburg. Upon reaching an impassable three foot thick foundation of concrete, they had to continue the secret tunnel from the other

end. But the sounds of cutting torches and jack hammers alerted the crafty class president to the scheme, and he took to hiding in the glass enclosed center section of the stairway. Flustered and bewildered, several freshmen grabbed one of the slower thinking members of the mob and used him to ram down the door to the linen closet where, not surprisingly, they found no one. The angry mob, ready to riot, had to be flushed from the building by use of the remote control teargas dispensers disguised as intercoms in every room.

The next catastrophe was the bonfire. Although it was the tallest in history, it consisted of seven eight-foot long ties stacked end to end. Perched precariously on the top was a single wooden urinal, which had no where to fall but out, foreboding the football game which was to follow.

The game, modeled after the Special Olympics, was to be a sure win. To further guarantee success, a spy had been hired to infiltrate the opposing supply room. His orders were to cut halfway through the lineman's crutches and put sand in the bearings of the quarterback's wheelchair. He even went so far as to loosen the bolts on the ball carrier's leg braces and remove the hook on the pass receiver's artificial arm. Chuckling under

his breath before the game, Coach Boob Tomthumb said this game "should be easier than beating Jerry's Kids two weeks ago!" Rose scored 10 points in the first half, but when the Prinsappia Paraplegics showed after halftime the game turned. Snatching defeat from the jaws of victory, Rose lost 17 to 22.

The final blow to Homecoming was the Mylanta Rhythm Section concert Saturday night, performing at the acoustically perfect Shnook Fieldhouse. Special care was taken to place hundreds of sound-absorbing chairs behind the crowd of dozens. But this wasn't enough to dampen the tremors set up by the speakers, which caused the already weakened stage to collapse under the second-base player. In addition, two members of the alumni audience were blinded by what they thought was the laser light show, but was actually stage lighting reflecting off Same Oltwerp's glamorous forehead.

After the shambles that this Homecoming became, Alumni Relations Director Jim Schortz has announced plans for the second homecoming: 1) Rose will play itself to ensure a win; 2) a stuffed Harry Chapin will make an encore performance, and 3) the bonfire will be coated with A.R.A.T.'s "universal red sauce," which the cooks claim "promotes even burning."

## School prayer needs no law

A few ripples were caused by two of the rulings that the Supreme Court handed down in June of 1963. A similar ruling a year before had caused a few waves, but this was 1963, and public attention was held by the race riots. This was June, and eyes were directed towards Alabama, where Governor Wallace was thumbing his nose at federal orders to allow the colleges to be integrated.

Preoccupied, the public let the issue of school prayer, declared unconstitutional by the two rulings, slip by, hardly noticed. One of the few ripples that did occur came in the form of Rep. Frank J. Becker (R-N.Y.), who proposed changing the first amendment, upon which the court's decision had been based. A slight aberration in the Earth's path through space resulted, caused by founding fathers turning over in their graves.

The present attempt at reinstating prayer to public schools is led by Sen. Jesse Helms (R-N.C.), who launched a three-pronged attack this year in the Senate in the areas of school prayer, abortion, and desegregation. All three missed their mark. In place of utilizing the amendment procedure outlined in the Constitution, Helms attempted to pass a bill which would strip federal courts of their jurisdiction in these areas. The strategy is obvious. An amendment would require two-thirds of each house and three-quarters of all the states to be ratified, deliberately quite difficult; in contrast, a bill requires only a simple majority in each house to pass. The constitutionality of such a bill is under some question, however.

Following pressure from New Right groups, and wishing to divert the public eye from his economic failures, President Reagan recently announced that he would support a Constitutional amendment — not Helms' simple legislation — to allow "voluntary" school prayer.

"Voluntary," in this case, is a Tartuffian word meaning "officially sponsored." This type of school "prayer" — another Tartuffian term, meaning "recitation" — would be permitted to be conducted, but no child would be required to

participate. Alas, reality tarnishes this dream. Children would be under pressure, socially and physically, from their teacher and classmates to follow rote. Those who felt strongly enough about their own beliefs not to accept the diluted religion of the majority being thrush upon them would be treated differently by their instructors and peers.

In reality, truly voluntary school prayer has never been

absent. The Supreme Court ended officially sponsored recitation — not private prayer. It is perfectly permissible for a child to pray in school, during lunch, or before tests, for example. The child has much more time than the average American worker to perform his religious duties. No one is pressured into violating his religious beliefs, and valuable class time is not taken.

Now if someone will just tell Senator Helms...

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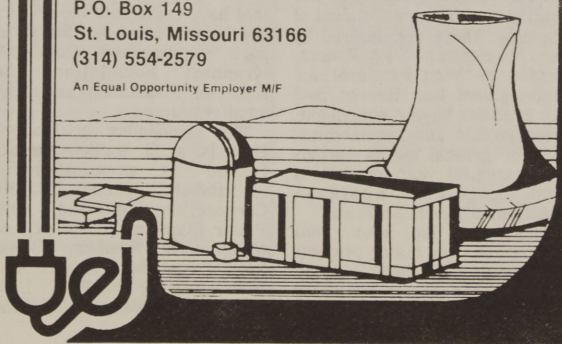
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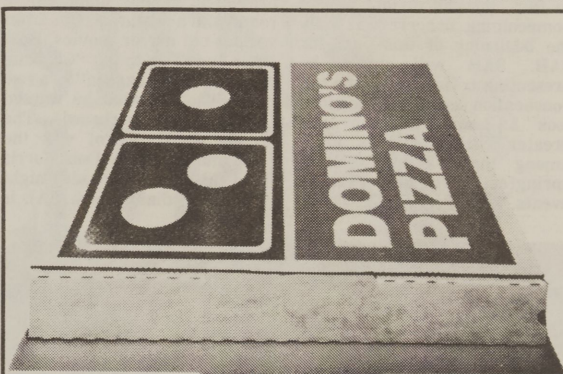
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# Rally falls short

by Don Corson  
Sports Reporter

If history repeats itself, then Phil Brown field should have been renamed Little Big Horn last Saturday as the Principia College Indians ambushed the Engineers, 22-17, to spoil Rose-Hulman's 1982 Homecoming.

Portraying perfectly the role of Chief Sitting Bull was Principia quarterback Scott Anderson, who guided his tribe to three consecutive second half touchdowns to turn a 10-0 halftime deficit into a 22-10 advantage. Each Indian touchdown was initiated by a Rose-Hulman turnover.

Rose's last stand came with 4:38 remaining in the game. Kevin Kerns returned a Principia kickoff 23 yards to the Engineer 34-yard line. With time running out, Rose was forced to abandon its ultra-conservative running attack. Sophomore quarterback Harry Westerkamp responded by completing passes of 11 and 12 yards to flanker Chris Dezeland and firing a 25-yard strike to tight end Mark Kaiser to put Rose on the Principia 4-yard line. The Engineers finally hit paydirt with 1:00 left on a 1-yard plunge by tailback Rod Schrader. Freshman placekicker Vern Vannostran converted the extra point to narrow the margin to five points at 22-17.

That Engineer touchdown set the stage for an onside kick attempt. Both teams put their most sure-handed players on the line of scrimmage. Kurt Keller, a 5-8, 167-pound Prin running back, proved to have the surest hands of all as he corraled the short kick of Rod Schrader, dashing any and all hopes for an Engineer victory.

Both teams had entered Saturday's game with 1-2 records, but Rose appeared to be the favorite for several reasons. First, the home field advantage should have been considered a big plus as one of the largest pro-Rose crowds in history was in attendance. Second, Principia had not had a very successful football campaign in recent history, while Rose was the College Athletic Conference champion last year. Finally, the Engineers had beaten Principia 41-0 and 26-0 in their last two meetings. Even Jimmy the Greek could not have foreseen an Indian victory. But neither did General Custer.

Things started out as expected. The Engineers capitalized on a Scott Anderson fumble at the Indian 6-yard line during Prin's second possession of the day. Just seconds after linebacker Dave Delvecchio's fumble recovery, Schrader rumbled into the end zone to give Rose a 6-0 lead. Vannostran made it 7-0 with the PAT at 11:15 of the first quarter and Rose was off and running.

On Principia's next series of downs, Engineer Jim Tausch, a cornerback, picked off an Anderson pass and returned it into Indian territory at the 40-yard line. Relying exclusively on its running game, Rose was able to drive to the Principia seven, at which point the defense stiffened. Westerkamp carried three consecutive times for a net loss of one yard. Vannostran then just cleared the uprights with a 25-yard field goal with 5:25 remaining in the initial period to put Rose ahead, 10-0. Unfortunately, the Engineers would not score again until the final minute of the game.

The Indians' best scoring opportunity of the first half came on their next possession. Richard Butler returned Vannostran's kickoff to the Principia 16, where Anderson took control. On their longest drive of the game, the Indians marched 67 yards to the Rose 17-yard line, at which point the Engineer defense repelled a fourth-down-and-one line plunge by fullback Joel Frederick.

Rose's nightmare began late in

the third quarter. Phil Meiss, an Engineer defensive back, mishandled a Mike Barthelmess punt at the Rose 32-yard line. Four plays later, Kurt Keller ramblled 27 yards for a touchdown to put Prin on the scoreboard. A bobbled snap on the extra point try led to a 2-point conversion as Barthelmess, the holder, recovered and passed to tight end Dirk Maas to put the tribe within two points with 34 seconds left in the third stanza.

On the very first play of the fourth quarter, tailback Mike Ritz coughed up the football at the Rose 37. With 11:37 left, Anderson scored on a keeper to give Prin a lead which it never relinquished.

Westerkamp, too, contributed to the turnover bonanza with a 27-yard interception to Principia's free safety, Richard Butler. Fullback Mark Anderson put the top on the teepee for the Indians, when he pulled his way to a 2-yard TD with 4:46 remaining — Principia's third consecutive touchdown.

The loss leaves Rose-Hulman with a 1-1 C.A.C. record and 1-3 overall.

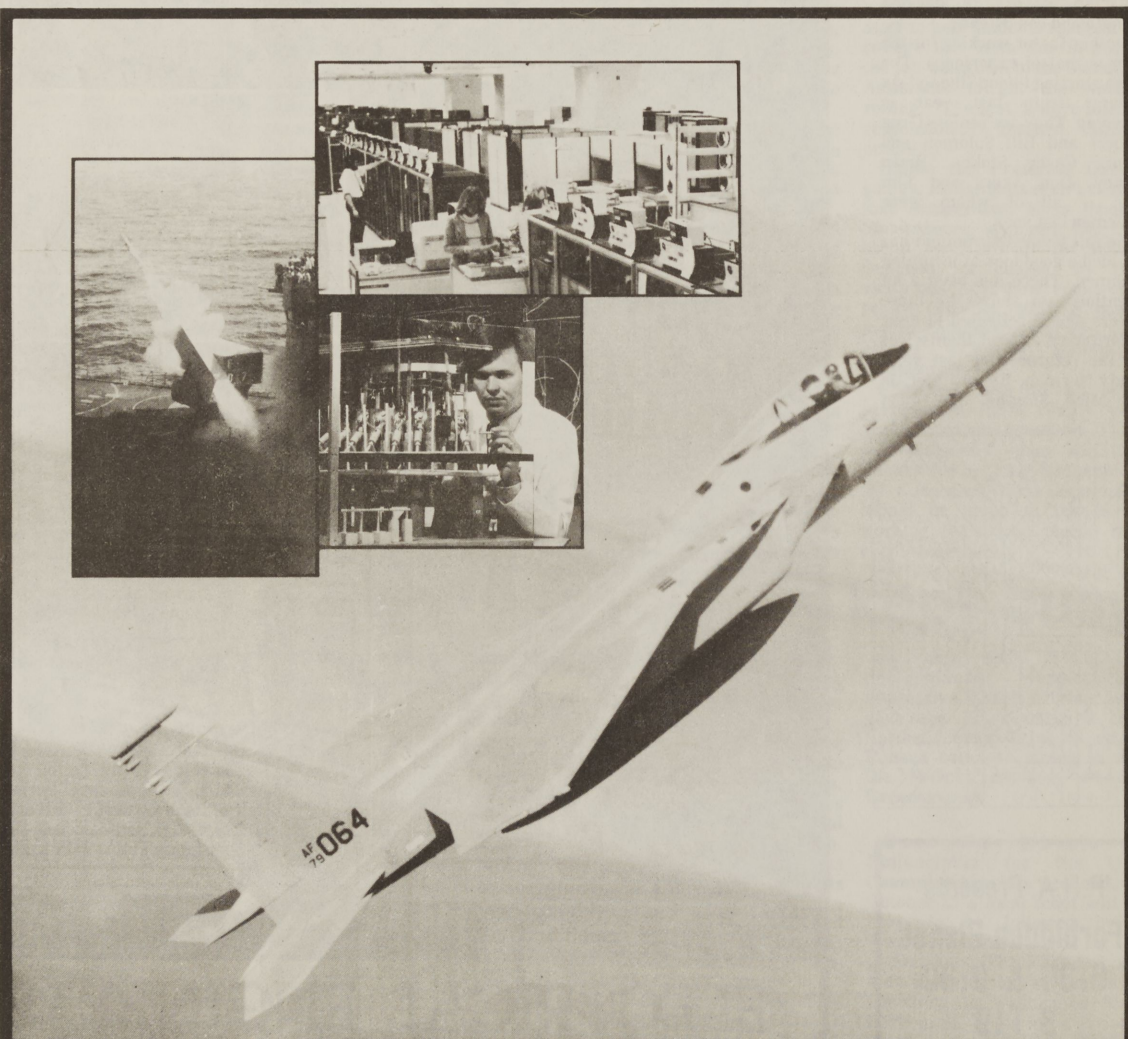
## Next Week's Thorn

Next week's Thorn will feature a review of the past couple weeks of Rose-Hulman soccer. Watch for it!

# Thorn Sports



In the photo above, a Rose player is seen lunging for an extra yard but his effort was not enough as Principia defeated Rose 22-17. Ken Roman photo.



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## LCA polishes off run

Dr. Eifert hiked the football to President Hulbert at 5:00 on Thursday, Sept. 30, and 26 hours, 32 minutes and 23 seconds later, after traveling 240 miles, the football crossed the finish line. It was another great success for Lambda Chi Alpha's "Run For Those Who Can't," their annual fund-raising event that accumulated between \$1,000-\$1,100 this year for the local Big Brother-Big Sister program in Vigo County.

Despite a van which broke down just south of Purdue, Glenn Bridwell explained that "the ball kept moving the whole way." Bridwell and Brian Dawson were the co-chairmen this year for the run and followed the football from start to finish. Channel 2 and Channel 10 News covered the

event and Mayor Pete Chalos was present at the beginning of the run.

The run started 15 years ago in the LCA fraternity. Every year the money raised is given to a local or national charity. The money comes from donors who buy tickets from the fraternity in order to guess how long the 240 mile relay takes. The closest guessers win prizes which are donated to the fraternity from local merchants. Over 40 places received prizes.

The winner this year was Mary Beth Fox, who guessed 26 hours, 32 minutes and 10 seconds — just 13 seconds off the real time. The next closest was Wayne Weaver who was only 15 seconds off the time.

## Tennis team looks promising

by Dale Bennett

The 1982-83 Rose-Hulman tennis team began its fall tennis tournament two weeks ago and so far, things are looking very promising for the upcoming season.

The addition of new head coach Randy Dickens is most definitely a plus for the Engineer Netters. Before coming to Rose, he was assistant tennis coach at Wabash College. Dickens has also attended tennis instruction camps and he comes prepared to drill the players to develop strength and consistency.

Another factor working for the team is that of experience. The entire starting lineup (the top six players) from last year is returning. They are seniors Greg Hulbert and Bill Solomon and juniors Carey Stokes, Brian Ramey, Don Akers and Tim Beer — all of whom were lettermen last year.

The fall tennis tournament has provided a good look at incoming freshmen. There has been a lot of enthusiasm shown by these players and is reflected in their performance against themselves and the returnees of last year. Randy Norman, Barry Peterson and Mike Smythe, the most

notable of the freshmen, should provide more than ample competition for last year's veterans.

All these points should add up to an improvement of last year's 9-7 record (which included matches against Division II school such as Eastern Illinois and I.S.U.E.) and possibly a title at the C.A.C. Spring Sports Festival which will be held here on the Rose-Hulman campus in May.

## Atlanta Rhythm Section reviews

by Kevin Stroud

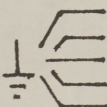
Playing to a crowd of over 1,000 and loving every minute of it, ARS produced a melodic concert of appeal to all. Starting just barely after 9:00 p.m., Shook Fieldhouse rocked till 10:15. And rocked it did, with the house on its feet through many of the numbers; notably Champagne Jam which took the

roof off.

Tight was the adjective of the show. Fine lighting, excellent sound, great song selection, and personal crowd relations all added up to an extremely tight show. Exceptional solos were performed by the members of the band; showing their years of studio work and honing of their skills to the razor keen edge that

has kept their albums going gold since 1977.

Although personally considered short, lasting just over an hour, the Student Activities Board deserves a big hand and a hearty slap on the back for producing an exceptionally memorable concert that will be very difficult to top come next year.



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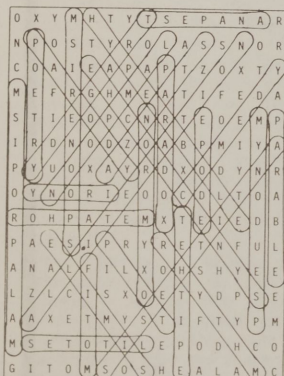
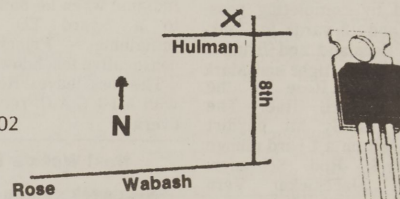
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- Software Design Development and Validation
- Trajectory Analysis
- Redundant Digital Signal Processing
- Filtering and Control Techniques

### Reliability

- Data Analysis
- Circuit Analysis
- Part Stress Analysis
- Failure Mode and Effect Analysis

### Electronics

- Automatic Test Equipment
- Embedded Microprocessor Architecture/Design
- Digital, Analog and RF Equipment/Circuit Design
- Hardware and Software

### Fire Control Systems

- Radar
- Forward Looking Infrared, Television, or Laser Technology

### Avionics Test Requirements Analysis

- Radar
- Displays
- Inertial Systems
- Flight Computers
- Communication

If you're ready to get your career off the ground, McDonnell Douglas would like to talk with you. Sign up at your placement office for a personal interview. Here is the date we'll be on campus:

Wednesday & Thursday,  
October 20 & 21, 1982

**MCDONNELL DOUGLAS**

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U.S. Citizenship required

